

# 乔布斯的发明世界

Neo

2020. 9. 22



# iPatents

366件  
1980-2011



# 作者简介

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# 知识产权主要类别

门面房



別墅



公 寓



商 标

专 利

版 权

## 专利类别



实用新型



发 明



外观设计



# 专利特性

独占性



时效性

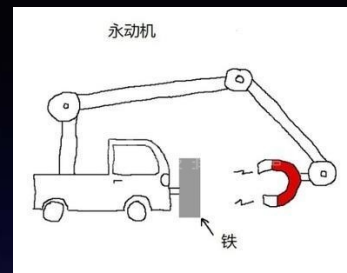


地域性



# 专利授权条件

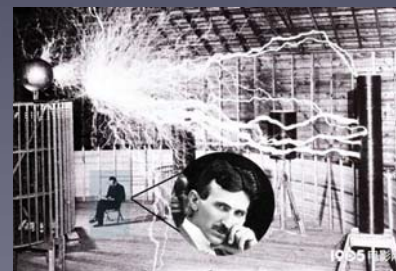
实用性



新颖性



创造性





# Mac

1980~1984



# iMac、 iPod

1998~2001



# iPhone、 iPad

2006～2010



# iPod的滚轮输入



# iPod的滚轮输入



US007345671B2

(12) **United States Patent**  
**Robbin et al.**

(10) **Patent No.:** **US 7,345,671 B2**  
(45) **Date of Patent:** **Mar. 18, 2008**

(54) **METHOD AND APPARATUS FOR USE OF  
ROTATIONAL USER INPUTS**

(75) Inventors: **Jeffrey L. Robbin**, Los Altos, CA (US);  
**Steve Jobs**, Palo Alto, CA (US); **Philip  
W. Schiller**, Half Moon Bay, CA (US)

(73) Assignee: **Apple Inc.**, Cupertino, CA (US)

(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 348 days.

(21) Appl. No.: **10/259,159**

(22) Filed: **Sep. 26, 2002**

(65) **Prior Publication Data**

US 2003/0095096 A1 May 22, 2003

**Related U.S. Application Data**

(60) Provisional application No. 60/387,692, filed on Jun.  
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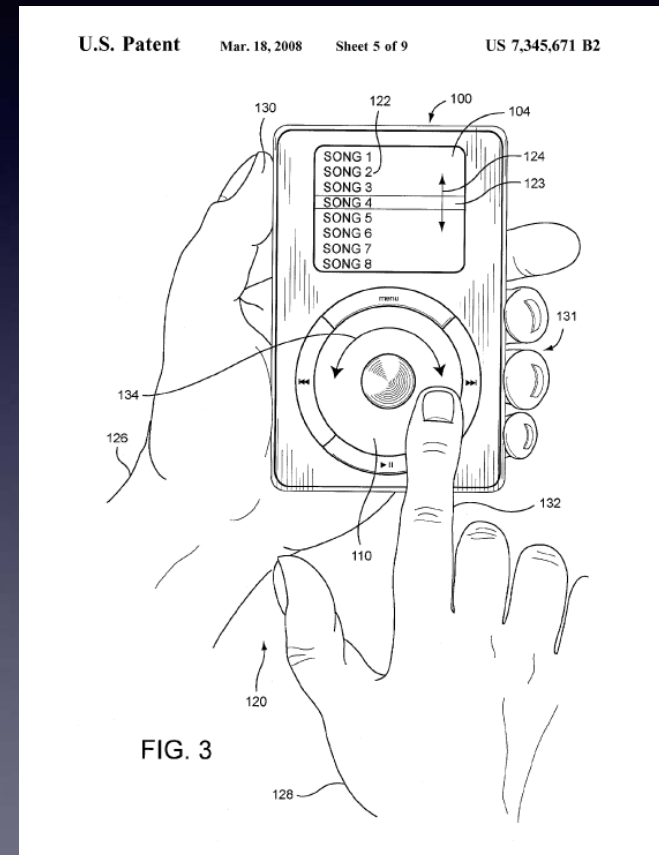
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*Primary Examiner*—Richard Hjerpe

*Assistant Examiner*—Leonid Shapiro

# iPod的滚轮输入

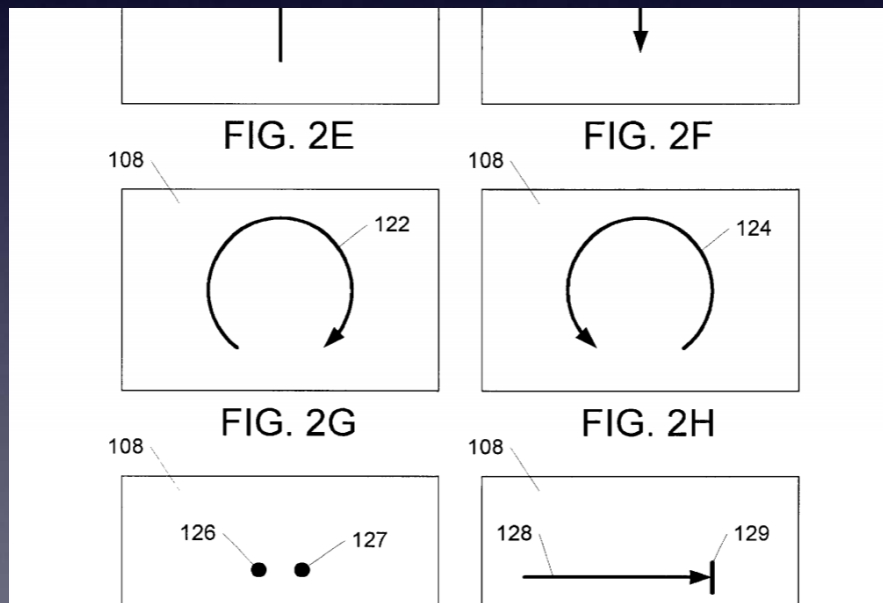
400多篇引用文献  
9次意见陈述和修改  
4次审查意见通知书  
2次驳回  
3次会晤  
5年审查时间



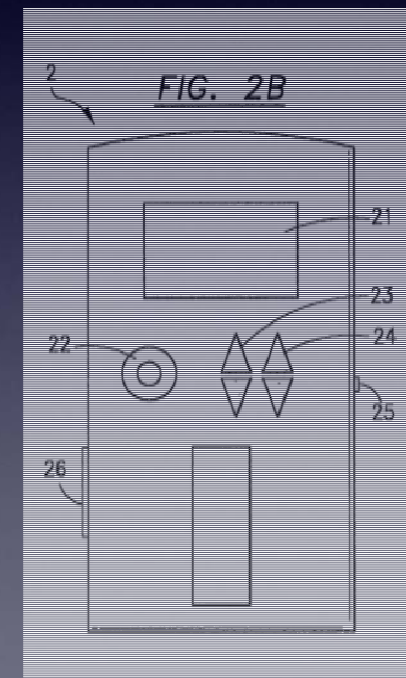


# iPod的滚轮输入

US6639584  
旋转输入手势图



US2003005009  
带显示器的播放器



# 滑动开关机



US007890778B2

(12) **United States Patent**  
**Jobs et al.**

(10) **Patent No.:** **US 7,890,778 B2**

(45) **Date of Patent:** **Feb. 15, 2011**

(54) **POWER-OFF METHODS FOR PORTABLE  
ELECTRONIC DEVICES**

(56) **References Cited**

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(75) Inventors: **Steven P. Jobs**, Palo Alto, CA (US);  
**Scott Forstall**, Mountain View, CA  
(US); **Greg Christie**, San Jose, CA (US);  
**Stephen O. Lemay**, San Francisco, CA  
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CA (US); **Imran Chaudhri**, San  
Francisco, CA (US); **Freddy Allen**  
**Anzures**, San Francisco, CA (US);  
**Patrick Lee Coffman**, Menlo Park, CA  
(US)

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Application PCT/US2007/089022, mailed Jun. 10, 2008.

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(73) Assignee: **Apple Inc.**, Cupertino, CA (US)

(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 799 days.

(21) Appl. No.: **11/770,722**

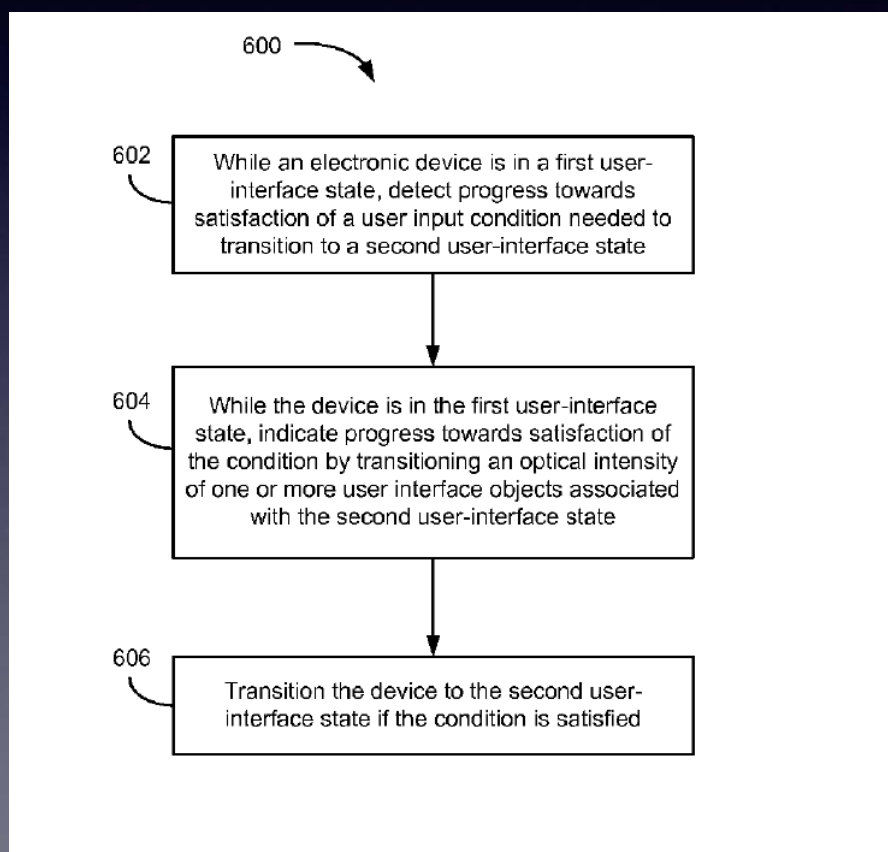
(22) Filed: **Jun. 28, 2007**

(65) **Prior Publication Data**

# 滑动开关机

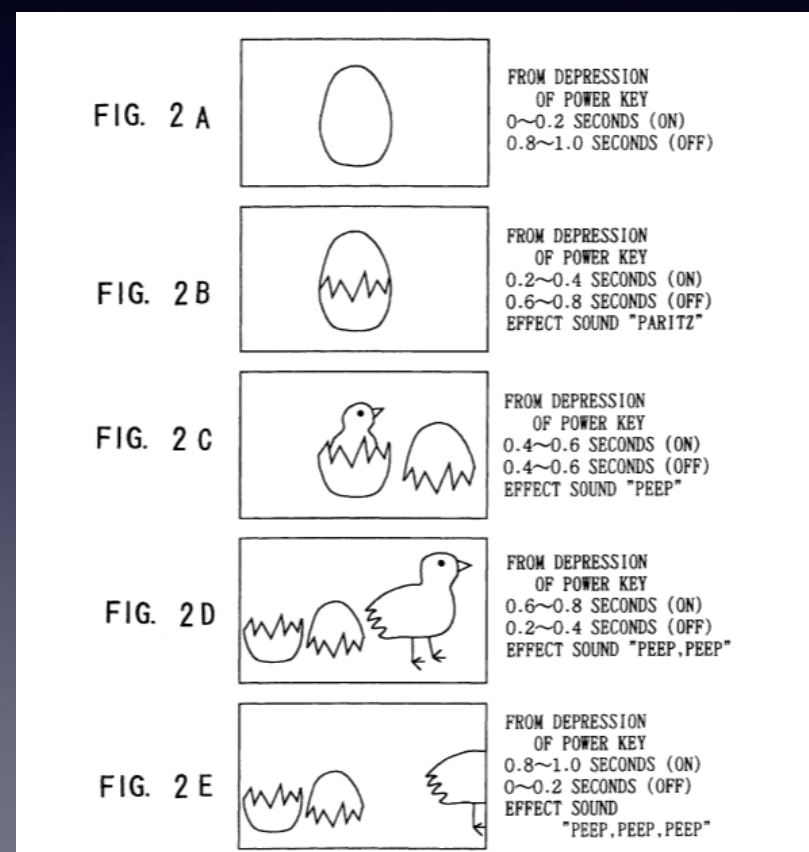
US5918059 (康柏1997)

滑动转换页面



US5889509 (索尼1996)

按压触发设备



Think different

他山之石，可以攻玉